0300/0590 OIPE

CRF Errors Corrected by the STIC System Branch

Serial Number: 09/887,194A

CRF Processing Date: 4/2/02 #5
Edited by:
Verified by: DC (STIC staff)

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically: ENTERED

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:

☐ Deleted extra, invalid, headings used by an applicant, specifically:

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____.

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically:

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted ***ending*** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other:

***Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.**

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 04/02/2002
PATENT APPLICATION: **US/09/887,194A** TIME: 12:56:22

Input Set : **A:\PTO.DC.txt**
Output Set: **N:\CRF3\04022002\I887194A.raw**

```
      3 <110> APPLICANT: Glassman, Kimberly F.
      4       Gordon-Kamm, William J.
      5       Kinney, Anthony
      6       Lowe, Keith S.
      7       Nichols, Scott E.
      8       Stecca, Kevin L.
     10 <120> TITLE OF INVENTION: RECOMBINANT CONSTRUCTS AND THEIR USE IN REDUCING GENE
EXPRESSION
     12 <130> FILE REFERENCE: BB1449 US NA
     14 <140> CURRENT APPLICATION NUMBER: US/09/887,194A
C--> 15 <141> CURRENT FILING DATE: 2002-03-13
     17 <160> NUMBER OF SEQ ID NOS: 36
     19 <170> SOFTWARE: Microsoft Office 97
     21 <210> SEQ ID NO: 1
     22 <211> LENGTH: 30
     23 <212> TYPE: DNA
     24 <213> ORGANISM: Artificial Sequence
     26 <220> FEATURE:
     27 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES PCR primer
     29 <400> SEQUENCE: 1
     30 gaattcgcgg ccgcatggga ggtagaggtc                                    30
     33 <210> SEQ ID NO: 2
     34 <211> LENGTH: 30
     35 <212> TYPE: DNA
     36 <213> ORGANISM: Artificial Sequence
     38 <220> FEATURE:
     39 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for
amplification
     40       of soybean Fad2-1
     42 <400> SEQUENCE: 2
     43 ggaaaaccat gcaacccatt ggtacttgct                                    30
     46 <210> SEQ ID NO: 3
     47 <211> LENGTH: 30
     48 <212> TYPE: DNA
     49 <213> ORGANISM: Artificial Sequence
     51 <220> FEATURE:
     52 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for
amplification
     53       of soybean Fad2-1
     55 <400> SEQUENCE: 3
     56 agcaagtacc aatgggttgc atggttttcc                                    30
     59 <210> SEQ ID NO: 4
     60 <211> LENGTH: 30
     61 <212> TYPE: DNA
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62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 04/02/2002
PATENT APPLICATION: US/09/887,194A TIME: 12:56:22

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65 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
66 of soybean Fad2-1
68 <400> SEQUENCE: 4
69 agcaagtacc aatggatact tgttcctgta 30
72 <210> SEQ ID NO: 5
73 <211> LENGTH: 30
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
79 of soybean Fad2-1
81 <400> SEQUENCE: 5
82 tacaggaaca agtatccatt ggtacttgct 30
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 30
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence: pKS102 linker
93 <400> SEQUENCE: 6
94 gaattcgcgg ccgcatggga ggtagaggtc 30
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 34
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
104 of Cer3
106 <400> SEQUENCE: 7
107 ggcgcgccaa gcttggatcc gtcgacggcg cgcc 34
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 30
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
117 of Cer3
119 <400> SEQUENCE: 8
120 gaattcgcgg ccgcggcacg agatttgagg 30
123 <210> SEQ ID NO: 9
124 <211> LENGTH: 30
125 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
130 of Cer3
132 <400> SEQUENCE: 9
133 ttgcccaatg tttatgcata tgtagaactg 30

136 <210> SEQ ID NO: 10

RAW SEQUENCE LISTING DATE: 04/02/2002
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137 <211> LENGTH: 30
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
143 of Cer3
145 <400> SEQUENCE: 10
146 cagttctaca tatgcataaa cattgggcaa 30
149 <210> SEQ ID NO: 11
150 <211> LENGTH: 30
151 <212> TYPE: DNA
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES complementary
156 region of pKS106 and pKS124
158 <400> SEQUENCE: 11
159 gaattcgcgg ccgcggcacg agatttgagg 30
162 <210> SEQ ID NO: 12
163 <211> LENGTH: 80
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES complementary
169 region of pKS106 and pKS124
171 <400> SEQUENCE: 12
172 cggccggagc tggtcatctc gctcatcgtc gagtcggcgg ccgccgactc gacgatgagc 60
173 gagatgacca gctccggccg 80
176 <210> SEQ ID NO: 13
177 <211> LENGTH: 154
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES complementary
183 region of pKS133
185 <400> SEQUENCE: 13
186 cggccggagc tggtcatctc gctcatcgtc gagtcggcgg ccggagctgg tcatctcgct 60
187 catcgtcgag tcggcggccg ccgactcgac gatgagcgag atgaccagct ccggccgccg 120
188 actcgacgat gagcgagatg accagctccg gccg 154
191 <210> SEQ ID NO: 14
192 <211> LENGTH: 92
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES PCR primer
199 <400> SEQUENCE: 14
200 gaattccggc cggagctggt catctcgctc atcgtcgagt cggcggccgc cgactcgacg 60
201 atgagcgaga tgaccagctc cggccggaat tc 92
204 <210> SEQ ID NO: 15
205 <211> LENGTH: 15

RAW SEQUENCE LISTING DATE: 04/02/2002
PATENT APPLICATION: US/09/887,194A TIME: 12:56:22

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\04022002\I887194A.raw

206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES PCR primer
212 <400> SEQUENCE: 15
213 gaattccggc cggag 15
216 <210> SEQ ID NO: 16
217 <211> LENGTH: 33
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
223 of soybean Fad2-1
225 <400> SEQUENCE: 16
226 gaattcgcgg ccgctgagtg attgctcacg agt 33
229 <210> SEQ ID NO: 17
230 <211> LENGTH: 33
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
236 of soybean Fad2-1
238 <400> SEQUENCE: 17
239 gaattcgcgg ccgcttaatc tctgtccata gtt 33
242 <210> SEQ ID NO: 18
243 <211> LENGTH: 32
244 <212> TYPE: DNA
245 <213> ORGANISM: Artificial Sequence
247 <220> FEATURE:
248 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
249 of soybean Fad2-1, 5'-end
251 <400> SEQUENCE: 18
252 gaattcgcgg ccgcccaatc tattgggttc tc 32
255 <210> SEQ ID NO: 19
256 <211> LENGTH: 32
257 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
260 <220> FEATURE:
261 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
262 of soybean Fad2-1, 3'-end of 25 nucleotide fragment
264 <400> SEQUENCE: 19
265 gaattcgcgg ccgcaacctt ggagaaccca at 32
268 <210> SEQ ID NO: 20
269 <211> LENGTH: 32
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification

275 of soybean Fad2-1, 3'-end 75 nucleotide fragment

RAW SEQUENCE LISTING DATE: 04/02/2002
PATENT APPLICATION: US/09/887,194A TIME: 12:56:22

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\04022002\I887194A.raw

277 <400> SEQUENCE: 20
278 gaattcgcgg ccgcggcatg gtgaccacac tc 32
281 <210> SEQ ID NO: 21
282 <211> LENGTH: 32
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
288 of soybean Fad2-1, 3'-end of 150 nucleotide fragment
290 <400> SEQUENCE: 21
291 gaattcgcgg ccgctgagaa ataagggact aa 32
294 <210> SEQ ID NO: 22
295 <211> LENGTH: 32
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
301 of soybean Fad2-1, 3'-end 300 nucleotide fragment
303 <400> SEQUENCE: 22
304 gaattcgcgg ccgcgagtgt gacgagaaga ga 32
307 <210> SEQ ID NO: 23
308 <211> LENGTH: 32
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer for amplification
314 of soybean Fad2-1, 3'-end 600 nucleotide fragment
316 <400> SEQUENCE: 23
317 gaattcgcgg ccgcttctga tgaatcgtaa tg 32
320 <210> SEQ ID NO: 24
321 <211> LENGTH: 1717
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence: ELVISLIVES complementary
327 region of pBS68
329 <400> SEQUENCE: 24
330 cggccggagc tggtcatctc gctcatcgtc gagtcggcgg ccgctgagtg attgctcacg 60
331 agtgtggtca ccatgccttc agcaagtacc aatgggttga tgatgttgtg ggtttgaccc 120
332 ttcactcaac acttttagtc ccttatttct catggaaaat aagccatcgc cgccatcact 180
333 ccaacacagg ttcccttgac cgtgatgaag tgtttgtccc aaaaccaaaa tccaaagttg 240
334 catggttttc caagtactta aacaaccctc taggaagggc tgtttctctt ctcgtcacac 300
335 tcacaatagg gtggcctatg tatttagcct tcaatgtctc tggtagaccc tatgatagtt 360
336 ttgcaagcca ctaccaccct tatgctccca tatattctaa ccgtgagagg cttctgatct 420
337 atgtctctga tgttgctttg ttttctgtga cttactctct ctaccgtgtt gcaaccctga 480
338 aagggttggt ttggctgcta tgtgtttatg gggtgccttt gctcattgtg aacggttttc 540
339 ttgtgactat cacatatttg cagcacacac actttgcctt gcctcattac gattcatcag 600
340 aatgggactg gctgaaggga gctttggcaa ctatggacag agattaagcg gccgcatgcc 660
341 tccagaaaag aaagaaattt tcaagtcctt ggagggatgg gcctcggagt gggtcctacc 720

VERIFICATION SUMMARY DATE: 04/02/2002
PATENT APPLICATION: US/09/887,194A TIME: 12:56:23

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF3\04022002\I887194A.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date